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**Streamflow Forecast Summary: April 1, 2021  
(averages based on 1981-2010 reference period)**

<b>UPPER YUKON BASIN</b>	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yukon R at Eagle	APR-JUL	29700	33000	35200	106%	37400	40700	33300

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%  
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions  
 3) Median value used in place of average

<b>CENTRAL YUKON BASIN</b>	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	APR-JUL	3410	4470	5190	92%	5910	6960	5640
Yukon R nr Stevens Village	APR-JUL	46000	49700	52200	109%	54700	58400	48100

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%  
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions  
 3) Median value used in place of average

<b>TANANA BASIN</b>	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	APR-JUL	188	255	300	111%	350	415	270
Little Chena R nr Fairbanks	APR-JUL	53	71	83	106%	96	114	78
Salcha R nr Salchaket	APR-JUL	460	575	655	105%	735	850	625
Tanana R at Fairbanks	APR-JUL	6780	7320	7680	103%	8040	8580	7460
Tanana R at Nenana	APR-JUL	8050	8710	9150	102%	9600	10300	9000

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%  
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions  
 3) Median value used in place of average

<b>WESTERN INTERIOR BASINS</b>	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuskokwim R at Crooked Creek	APR-JUN	9650	11100	12100	115%	13100	14600	10500

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 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions  
 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse	APR-JUL	355	525	640	80%	755	925	796
	MAY-JUL	355	525	640	81%	755	925	795
Sagavanirktok R nr Pump Station 3	APR-JUL	500	600	670	98%	740	840	684
	MAY-JUL	500	600	665	97%	735	835	683

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
  - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
  - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
<b>COPPER BASIN</b>	Forecast Period	Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough	APR-JUL	350	445	510	116%	570	665	440

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
  - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
  - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer	APR-JUL	56	71	82	100%	92	108	82
Talkeetna R nr Talkeetna	APR-JUL	1310	1440	1540	98%	1630	1760	1570

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
  - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
  - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage	APR-JUL	56	64	69	119%	75	83	58

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
  - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
  - 3) Median value used in place of average

APR-JUL	880	975	1040	108%	1100	1190	960
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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast
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SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau								

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%  
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions  
 3) Median value used in place of average